

K-12 Track

RELAX REFLECT CONNECT

THE K-12 LOUNGE OFFERS A WELCOMING SPACE FOR K-12 EDUCATORS TO UNWIND, REFLECT ON THEIR EXPERIENCES, AND ENGAGE IN MEANINGFUL CONVERSATIONS AND COLLABORATION WITH COLLEAGUES.

Monday, August 4th

7:45-8:45	Lounge: Community on Physics in Pre-high school and High School Meeting				
9:00-10:00	Franklin/McPherson: From Atoms to Wave Functions: Quantum in 4 Levels: Part 1	Wilson/Roosevelt: Science Research in High Schools: Part 1	Bulfinch/Renwick: Exploring New Frontiers in K-12 Physics Education	Salon C/D: Funds for your Class- What we did with Bauder Fund \$ & how YOU can too!	Lounge: Open Mic: 3-Minute Classroom Wins (or Fails!)
10:00-11:00	Franklin/McPherson: From Atoms to Wave Functions: Quantum in 4 Levels: Part 2	Wilson/Roosevelt: Science Research in High Schools: Part 2	Bulfinch/Renwick: Innovations in K-12 Teaching	Salon E: Interactive: Award Winning Physics Lessons	Salon C/D: QuarkNet at 25+1: Data Activities Lounge: Meet the PhysTEC Teacher of the Year 2025!
11:00-11:30	Open Lounge	Come relax, get things done, and socialize with your K-12 colleagues in the K-12 Open Lounge.			
12:30-2:00	Lunch in the Lounge	Join us for a casual Bring Your Own Lunch Social in the K-12 Lounge, where you can enjoy a relaxed break and connect with fellow attendees. It's the perfect opportunity to network, share insights, and engage in friendly conversations over lunch.			
2:00-3:00	Declaration A: From Vision to Reality: Implementing the STEP UP Curriculum	Declaration B: Demos in a Box	Bulfinch/Renwick: Building a Classroom Culture: Part 1	Salon C/D: Physics with Phones	
3:00-4:00	Declaration A: Reframing how we Teach Physics for Engagement: Activites	Penn Quarter AB: Teacher Share-a-thon	Bulfinch/Renwick: Building a Classroom Culture: Part 2	Lounge: Science for All Ages: Experiencing Science Through our Senses	

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Tuesday, August 5th

9:00–10:00	Declaration A: Reframing how we Teach Physics for Engagement: Explorations	Lounge: PTRA Presents Low-Cost, High-Impact: Kitchen, Garage, and Garbage Can Physics Labs
10:00–11:00	Bulfinch/Renwick: K-12 PER	Lounge: Idea Incubator
11:00–12:30	Open Lounge	Come relax, get things done, and socialize with your K-12 colleagues in the K-12 Open Lounge.
12:30–2:00	Lunch in the Lounge	Join us for a casual Bring Your Own Lunch Social in the K-12 Lounge, where you can enjoy a relaxed break and connect with fellow attendees. It's the perfect opportunity to network, share insights, and engage in friendly conversations over lunch.
2:00–3:00	Penn Quarter AB: Creating Inclusive and Supportive Physics Communities: Part 1	Lounge: Inspiring Teaching: A Conversation with the Zitzewitz Awardee
3:00–4:00	Penn Quarter AB: Creating Inclusive and Supportive Physics Communities: Part 2	Lounge: PhET Playground

Wednesday, August 6th

9:00–10:00	Cabin John/Arlington: Cultivating Physics Educators: Pathways, Practices, and Professional Growth: Part 1	
10:00–11:00	Cabin John/Arlington: Cultivating Physics Educators: Pathways, Practices, and Professional Growth: Part 2	Bulfinch/Renwick: Demystifying Quantum: From Student Reasoning to Teacher Preparation